

*Roger*

PROVO UTAH'S NORTH UNIVERSITY SUBDIVISION

Jon McLoughlin  
Architecture 522  
Peter Goss  
December 8, 1992

## PROVO UTAH'S NORTH UNIVERSITY SUBDIVISION

The North University Subdivision of Provo, Utah, began on February 27, 1948. According to the building permits, initial construction began with ten dwellings on block one with two at a cost of \$6,000 and eight at a cost of \$5,000 (refer to the building permits located after the map section).(1) The actual purchase of the property occurred on October 29, 1946 (Fig. 1).(2) The man who purchased the property and subsequently developed it was William G. Lichfield of Provo, Utah.

William G Lichfield and his wife Beulah bought the North University subdivision which at the time was broken into five separate plats. William Lichfield was born on July 5, 1896, in Goshen, Utah. He married Beulah Menlove in the Salt Lake LDS Temple on January 24, 1920 (Figs. 2,3).(3) He had lived in Provo most of his life and it was in Provo where he received prominence as a developer and builder. Lichfield had three children, one of who's husband joined him in partnership toward the end of the subdivision development. Lichfield apparently spent quite a few years developing the North University subdivision before letting his partner and son-in-law, Aldo Nelson, finish the subdivision in

the late fifties (refer to the building permits located after the map section).

The subdivision itself encompasses two streets, 300 and 380 West between 1230 North and 1500 North (refer to the general city map, plat maps and Figs. 4,5). It is divided into plats A through E, all of which Lichfield purchased for development. At the purchase date, the land was used for sheep grazing. As a result, Lichfield installed the streets, sewer, and all other utilities according to city ordinances. The subdivision is broken into 77 lots. Approximately 66 homes were built by Lichfield and later by Nelson, his son-in-law. I mention the number of homes built as approximate because it is difficult to distinguish on the building permits all of the exact lots because they estimated on some of them as their approximate addresses.

At its inception, the area was flat with no development around it other than the roads 200 West, 1230 North, and State Street (500 W.). The one physical boundary to the area is the Provo river. The river did not exactly follow the course that it does today, particularly through this area. When the subdivision was established, the river meandered quite a bit more than it does today. In the sixties, the city dredged it and created more of an aqueduct shape to it with high levees. This was done to protect the new subdivision as well as the emerging commercial enterprises in the area.(4)

It appears that the subdivision was expanded in the mid-fifties by Aldo Nelson, Lichfield's partner (refer to building permits). Apparently Nelson worked independent of Lichfield at

this time. He built six more homes on 300 West in the Parkway plat. From conversations with Aldo Nelson, he said that most of the utilities and streets were in at this end of the subdivision, which made it worthwhile to him to build in this area.(5)

Since then the subdivision has remained the same. What has changed dramatically is the commercial development that has sprung up around the subdivision which completely engrosses the two streets today (refer to the general plat map). The North University subdivision is literally an island surrounded by a sea of enterprise. For the most part, it is a plus. When my wife and I answered an ad for an apartment on 380 West, we had no idea that this neighborhood even existed. This is the case for many people because one only sees shops and stores on the periphery that hide the little homes of the subdivision. We spent our last two years of undergraduate work here in the apartment at 1403 N. 380 W. (Fig. 6). We enjoyed the seclusion and quietness of the neighborhood. The unique aspect of this subdivision is that it is the only one in Provo that is completely surrounded by commercial development. The commercial area around the two streets act as a buffer between the homes and the city that most of the residents seem to enjoy.

When I interviewed Aldo Nelson regarding the subdivision, I asked him about any type of restrictions or architectural covenants that applied to the subdivision. The only restriction to the deed that he mentioned was the agreement that Lichfield provide the necessary infrastructure of streets, sewers, and utilities, as well as a twelve foot easement on both streets. As for the architecture, the loans were F.H.A. insured, which dictated the

size of the homes that Lichfield built. The majority of the homes are approximately 875 to 900 square feet. They are rather small homes with most of them having a finished basement that was not completed in the initial construction (Figs. 6,7).

One of the more important questions that I asked him, I felt, had to do with any social covenant restraints to the subdivision. His immediate response to the question was that all of the home buyers that he could recollect were LDS. He said they did not choose for this to happen, but because Provo had and has such a high concentration of LDS members, it was only natural that the homebuyers were of this faith. As a result, it was a caucasian neighborhood. Nelson said it did not matter to them who bought the homes as long as they sold, it just happened to be to LDS families, and this is the case today. When we lived in this neighborhood two years ago, we knew of only three families on our street that were not LDS. Not much has really changed in this respect because of the University's influx of LDS students into the community of already established LDS families.

The layout of the North University subdivision followed the general plan of Provo with a gridiron street pattern. Because of the property, 380 West does have a curving section at both ends of the street because it opens onto 300 West, the subdivisions only route out to the main streets (refer to the general city map and Figs. 4,5,8). In all plats of the subdivision, Lichfield was to provide, according to city ordinances, the installation of water mains, sewer mains, gravel roads, and sidewalks. Lichfield did not put in any landscaping on either public or private land. He did

put in the walkways to the front doors of all of the houses as well as the driveways. Nelson was not sure exactly when the city came in and paved the streets and installed the sidewalks, but he estimates it was sometime in the late fifties. Street lighting is found on 300 and 380 West which was installed by the city. Lichfield was wise in developing this division in this part of the city. At the time, nothing was built up around the land, but it was next to some very key streets that I am sure he figured would most likely spring commercial enterprise. As an added bonus, the Provo river runs right next to the subdivision which would provide natural recreation to the neighborhood at no cost to his development. It is in a very strategic place and Lichfield must have known that having these amenities already or soon to be in place would be excellent selling features to the subdivision.

Because the loans to develop the North University subdivision were FHA insured, certain restrictions were put in place regarding the size of the homes. Without exception, the two variations of home designs found in the division were laid out with either 875 or 900 square feet in plan. Both Figs. 9 and 10 are the typical house styles and plans found in the subdivision. All of the homes have basements and are constructed with brick. Figure 11 is the only home on both streets that has since been covered with the less than desirable asbestos shingles.

The homes have a vernacular look with various tones of brickwork. The style is a simple gable and hipped form roofs. They can really be described as a simple ranch style like that found in the Rose Park subdivision of Salt Lake City. But it

type as  
initialled  
my notes  
next  
page  
O.K.

really is a nondescript style that is exact on each lot varying only in color and position on the lot. Each of the lot dimensions, except for the corner lots on 380 West and the east lots on 300 West, are 70 feet by 80 feet. The floor plans are very basic both in figures 9 with photo Fig. 6, and Fig. 10 with photo Fig. 7. Each plan contains two bedrooms, a living room, kitchen, and one bathroom. Each plan has a full basement that has since been finished off in most cases. Nelson mentioned that they did not employ an architect, and he and Lichfield collaborated on small changes to the designs of the homes that the bank (Farmers and Merchants Bank, Provo) provided. He said that because the homes were so small in plan, it was not difficult to alter or improve the plans, especially since they only used two plan designs with slight variations for all the homes.(7) My wife and I lived in the home in Figs. 6 and 9. Though the plans are very tight, for a young family they are quite livable. In the house we lived in, the kitchen has a bay window extending to the floor to increase the size of the kitchen that does make a sizable difference.

Most of the homes initially sold between \$5,000 and \$6,000 dollars. One offer was recently made on a home in the neighborhood for \$85,000.(6) When I interviewed Mr. Nelson, he mentioned that Lichfield had two homes that were used as model homes. Nelson could not remember which homes they were, but that the two styles of floor plans were shown and the homes were next door to each other. They did do the landscaping to these homes to add to their saleability. These two model homes still exist in the neighborhood, it is just unknown as to which two they were. More

than likely at least one was a corner lot, and they were probably close to the entrance of the subdivision.

In regards to advertising, Nelson mentioned that they really did not do any because when the building began, there was nothing in the vicinity but the houses themselves. With three main streets surrounding the site, he said that the building activity drew people to the site. In essence, the physical structures stood out in a large tract of land that acted as agents of their own sales.(8)

In the ensuing years, the North University subdivision did experience various changes in the housing stock. Without exception, the most common change to the homes was the addition of the garage or more commonly, the carport. A few of the homes still do not have either, but I found that most of the houses do have them. Figures 6,7,8,11,12, and 13, are the common carports found and figure 7, probably has the nicest enclosed garage, and though small, was very well built. Some homes such as figure 12, have added wings that, for the most part, extend into the backyard. I would imagine that most of the homes have finished basements, many of them being rented to students. None of the homes in the neighborhood have a second story added. I am sure it was easier and less expensive to go down in the basement with additions than upward. Dormers were not added to the roofs, they remain as simple hipped and gable sections. Figure 11 has enclosed the porch to make the living room larger. Figures 6 and 7 have since added decorative gates to their porch for insurance purposes.



*Jobs of these early people?*

At the North University subdivision's inception, it drew many young families to its homes. Most had fallen into the socio-economic background that many of the young couples were in throughout the country at the time. They were postwar newlyweds looking for starter homes to begin a family in. I was fortunate enough to interview Mrs. Norma Arrington who lives at 1494 N. 300 W. Both she and her husband have lived in their home since 1949. Of all the residents I was able to contact in the neighborhood, they are the only ones who have lived continuously in the neighborhood since its beginning.(9)

They moved into their new home as a newly married couple. Norma worked at BYU as a dance teacher and her husband worked at the U.S. Steel plant in Orem. They raised two children in this home and she said it was an excellent place to raise kids because they were surrounded by farmland and also the river.(10) At that time, it was known as the Lichfield subdivision because Lichfield was a rather prominent builder in Provo. Since then the City has officially named it the North University Subdivision. Their home is located in Plat B on block one (Fig. 15) and these homes have a bit deeper lot than the other homes in the subdivision. When they moved in, an irrigation canal ran in the back of their house with a trail leading to the river. She said they spent many evenings in the summer on this trail and around the river. Her sons were great fisherman which kept them busy in the summers.

I asked her if most of the residents that moved into the neighborhood were in their same economic and social circumstances. She replied that many were couples in their twenties that created

a homogeneous neighborhood both in age and social standing. She also mentioned that everyone was LDS and that the neighborhood was known as the Pleasantview ward. As a result, the neighborhood was a very tight knit community that not only relied on the age and social similarities to tie them together, but also the Church helped to unite them enabling them to get to know the entire neighborhood over time.

I was also able to talk to Cecil and Gladys Layton located at 1301 N. 300 W. They moved into their home in 1960 and paid \$15,000. They put \$500 down and made payments of \$85.00 a month on a 25 year mortgage. They raised one son here and would swear to never live anywhere else. They said that the neighborhood in the early days always had a unity to it and everyone took pride in their yards.(11) Both Gladys and Cecil were BYU employees for their entire careers. The economic scale for the most part was very straight middle class families of this time period. I also talked to our old next door neighbors, the Armstrong's at 1391 N. 380 W. (Fig. 7). They have lived in the neighborhood since 1960 and they too commented on the unity and peacefulness of the subdivision. The Armstrong's did not have any children, and it is interesting to note that the three older couples I interviewed each raised two or less children, a somewhat interesting fact in an LDS community.(13)

If there is one interesting family to move into these homes, it was the Crookston family. Ray and Marvel moved into their home at 1388 N. 300 W. in 1962. They had six children when they moved in and paid \$17,500 for the home. In the ensuing years the

Crookston's had ten more children making it sixteen in all. Ray added a family room to the back that doubled as a bedroom for some of the kids, and he also finished off the basement.(14) He said it was pretty wild at times but that they survived.(15) Now, just he and Marvel live alone, and with all the kids married off, he says the place is too big for just the two of them. He did mention that they stay pretty busy with their 92 grandchildren and 16 great grandchildren. He and Marvel are in their seventies as are all the couples I interviewed.

As Aldo Nelson mentioned in my interview with him, they were not prejudiced to people who bought the homes, but one cannot be too sure. I believe that the type of people who first inhabited this subdivision were caucasian by default. The fact the Provo was and is a high concentration of LDS members, it was only natural that those young couples moving into the new neighborhood were white LDS families. The older couples I interviewed that have been in this subdivision since its early days confirm this idea that the families that lived here without exception, were LDS.

Today, though most of the neighborhood is still LDS, the social makeup is somewhat different from what it used to be. When my wife and I lived there between 1989-1991, the majority of the people that lived in the homes and the basements were young married couples. The rest of the homes were and are inhabited by older, retired people. An African American woman lived in a house across the street from us who was a renter because she was in the service. Other than that, unfortunately, there were no other ethnic or minority people in the neighborhood.(16) As a result of the

University, there is a new generation of young families moving into the North University subdivision, only this time they are renters creating a higher rate of turnover.

As a result of the change from owners to renters, many of the older residents feel that the neighborhood is slowly going downhill. Many of these older residents take pride in their yards and for most student renters, this is not a high priority. But for the most part, the neighborhood is very clean and most of the yards are kept up pretty well (Figs. 7,8,14). When we lived there we knew of no crime and people seldom locked their doors. The neighborhood is still in the same ward boundary as in the beginning, and through the ward we felt a lot of unity between the two streets. We were able to get to know a lot of people in the neighborhood that we might not have had a chance to know otherwise.

In researching the North University subdivision, I came to realize that it was part of probably the biggest building boom this country had ever seen. It has a sense of community to it that not many neighborhoods have today. Perhaps it is because of its size, social makeup, and physical boundaries. Lichfield, I believe was an efficient builder who played his cards right. Unfortunately, on November 14, 1962, he was killed in an auto accident in California (Figs. 2,3).(17) This was a time consuming project, but I had a lot of fun doing it because I was a part of this subdivision for a short time. I especially enjoyed interviewing the people and getting to know people I had known, but now in a different light. The people of this subdivision and others of this time period may not know it, but they contributed to the culture of today and this

physical culture is a standing testament to the needs that arose and were met for the circumstances of their time. These needs surprisingly are still being met by the subdivision for a new generation of people that perhaps have the same problems and joys that were shared by those who first inhabited these small, nondescript dwellings of the North University subdivision of Provo, Utah.

## NOTES

1 These figures were derived from the building permits found in the Provo City Building Inspector's office located at 250 West Center Street, Provo.

2 The record of this transaction was found at the Utah County Recorder's Office at 215 East Center Street, Provo.

3 This information was received from the news article on Mr. Lichfield's death in an auto accident. The article was obtained from the Provo City Library at 243 West Center Street, Provo.

4 Conversation with Norma Arrington, 11/17/92; 1494 N. 300 W..

5 Conversation with Aldo Nelson, 11/17/92; 2213 N. 800 E..

6 Conversation with Cecil and Gladys Layton, 11/17/92; 1301 N. 300 W..

7 Nelson.

8 In talking with Nelson who is now 70 years old, I sensed that his memory was not what it used to be, I decided to go to the Library to check the Provo Daily Herald for any advertisements for the subdivision. I found nothing to indicate that Lichfield did any advertising. Nelson was right, the homes apparently did all the selling.

9 Many of the homes are still owned by the original owners or their children, but are now mainly rented to University students and couples. I was not able to get ahold of any of these owners.

10 Arrington.

11 The Layton's arguably have the nicest yard in the neighborhood (Fig. 14).

12 Conversation with Anthony Armstrong, 11/17/92; 1391 N. 380 W..

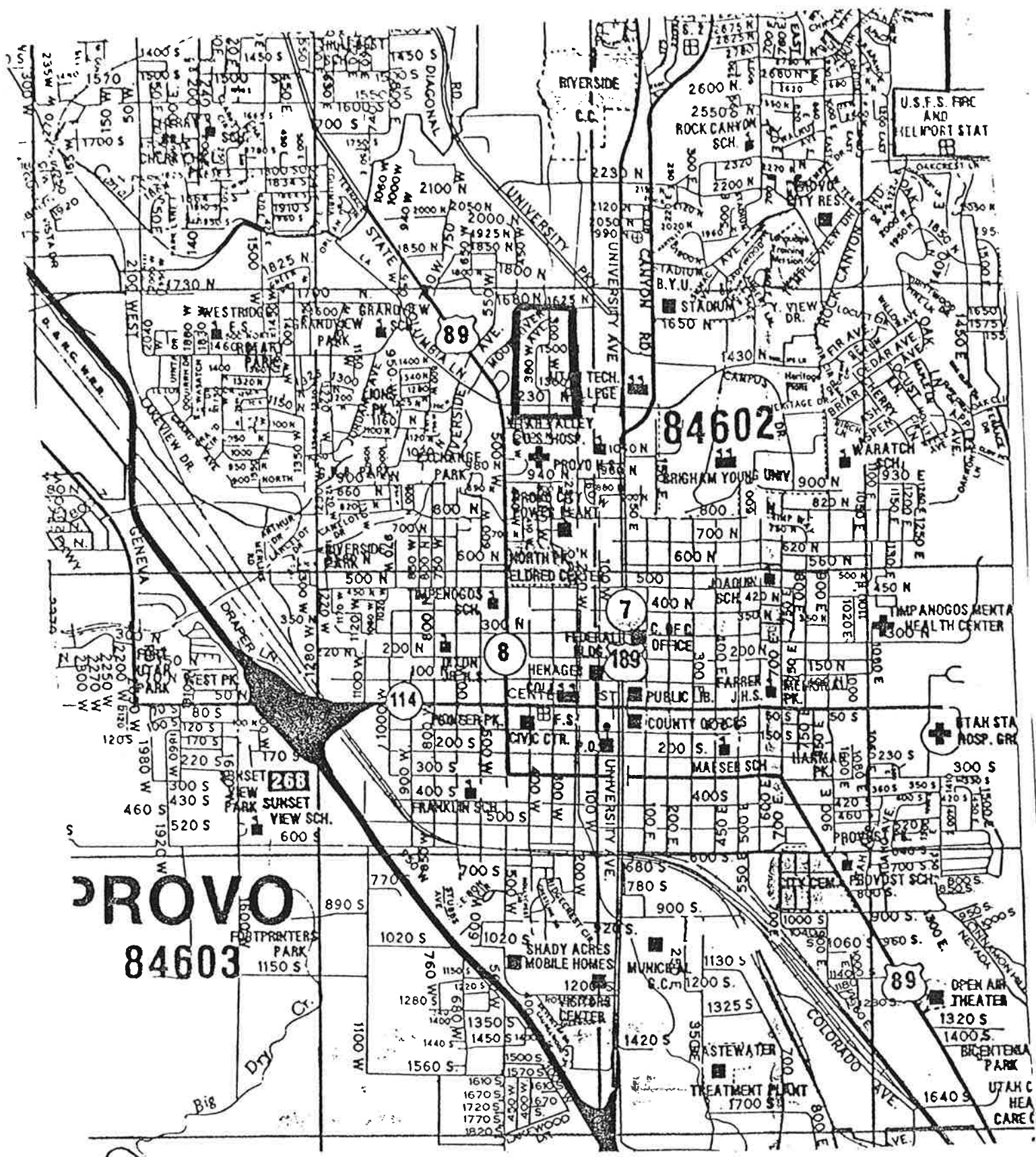
13 It would be interesting to see if the size of the homes had any bearing on the number of children these couples had. I was interested to know but knew it was not my place to ask such a personal question.

14 Conversation with Ray and Marvel Crookston, 11/17/92; 1388 N. 300 W. The family room addition plus the finished basement gave the Crookston family an additional 1,100 square feet.

15 Crookston.

16 This is unfortunate because this would have created a healthier diversity.

17 Refer to the Provo Daily Herald article (Figs. 2,3). Mrs. Lichfield passed away in 1983. Aldo Nelson said that they destroyed all of her husband's building records after her death.



**PROVO**  
84603

84602

89

7

8

114

268

+

89

1320 S

1400 S

1640 S

1700 S

1800 S

1900 S

2000 S

2100 S

2200 S

2300 S

2400 S

2500 S

2600 S

2700 S

2800 S

2900 S

3000 S

3100 S

3200 S

3300 S

3400 S

3500 S

3600 S

3700 S

3800 S

3900 S

4000 S

4100 S

4200 S

4300 S

4400 S

4500 S

4600 S

4700 S

4800 S

4900 S

5000 S

5100 S

5200 S

5300 S

5400 S

5500 S

5600 S

5700 S

5800 S

5900 S

6000 S

6100 S

6200 S

6300 S

6400 S

6500 S

6600 S

6700 S

6800 S

6900 S

7000 S

7100 S

7200 S

7300 S

7400 S

7500 S

7600 S

7700 S

7800 S

7900 S

8000 S

8100 S

8200 S

8300 S

8400 S

8500 S

8600 S

8700 S

8800 S

8900 S

9000 S

9100 S

9200 S

9300 S

9400 S

9500 S

9600 S

9700 S

9800 S

9900 S

10000 S

10100 S

10200 S

10300 S

10400 S

10500 S

10600 S

10700 S

10800 S

10900 S

11000 S

11100 S

11200 S

11300 S

11400 S

11500 S

11600 S

11700 S

11800 S

11900 S

12000 S

12100 S

12200 S

12300 S

12400 S

12500 S

12600 S

12700 S

12800 S

12900 S

13000 S

13100 S

13200 S

13300 S

13400 S

13500 S

13600 S

13700 S

13800 S

13900 S

14000 S

14100 S

14200 S

14300 S

14400 S

14500 S

14600 S

14700 S

14800 S

14900 S

15000 S

15100 S

15200 S

15300 S

15400 S

15500 S

15600 S

15700 S

15800 S

15900 S

16000 S

16100 S

16200 S

16300 S

16400 S

16500 S

16600 S

16700 S

16800 S

16900 S

17000 S

17100 S

17200 S

17300 S

17400 S

17500 S

17600 S

17700 S

17800 S

17900 S

18000 S

18100 S

18200 S

18300 S

18400 S

18500 S

18600 S

18700 S

18800 S

18900 S

19000 S

19100 S

19200 S

19300 S

19400 S

19500 S

19600 S

19700 S

19800 S

19900 S

20000 S

20100 S

20200 S

20300 S

20400 S

20500 S

20600 S

20700 S

20800 S

20900 S

21000 S

21100 S

21200 S

21300 S

21400 S

21500 S

21600 S

21700 S

21800 S

21900 S

22000 S

22100 S

22200 S

22300 S

22400 S

22500 S

22600 S

22700 S

22800 S

22900 S

23000 S

23100 S

23200 S

23300 S

23400 S

23500 S

23600 S

23700 S

23800 S

23900 S

24000 S

24100 S

24200 S

24300 S

24400 S

24500 S

24600 S

24700 S

24800 S

24900 S

25000 S

25100 S

25200 S

25300 S

25400 S

25500 S

25600 S

25700 S

25800 S

25900 S

26000 S

26100 S

26200 S

26300 S

26400 S

26500 S

26600 S

26700 S

26800 S

26900 S

27000 S

27100 S

27200 S

27300 S

27400 S

27500 S

27600 S

27700 S

27800 S

27900 S

28000 S

28100 S

28200 S

28300 S

28400 S

28500 S

28600 S

28700 S

28800 S

28900 S

29000 S

29100 S

29200 S

29300 S

29400 S

29500 S

29600 S

29700 S

29800 S

29900 S

30000 S

30100 S

30200 S

30300 S

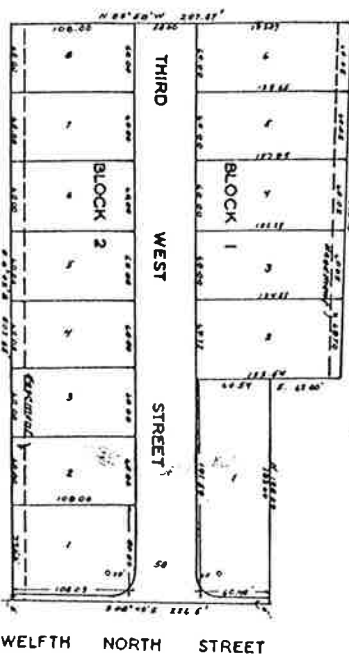
30400 S

30500 S

30



PLAT A  
NORTH UNIVERSITY  
SUBDIVISION  
PROVO CITY UTAH  
SCALE 1 INCH = 60 FEET



ENGINEER'S CERTIFICATE  
I hereby certify that I have surveyed the said shown on this map and that the plat thereof showing its lots, blocks, streets and easements is true and correct. The lot is described as follows:  
Commencing at the North end 3025 feet East of the Southwest corner of Section 36 Township 6 South Range 2 East of E.S. 14th; thence S 80° 16' E. 326.5 feet; thence North 100.00 feet; thence East 41.00 feet; thence N 1° 36' E. 100.00 feet; thence N 88° 10' E. 100.00 feet; thence S 80° 16' E. 326.5 feet to the place of beginning.  
Area 3.099 acres



OWNERS' DEDICATION  
Know all men by these presents that we William D. Lightfield, David C. Lightfield the owners of the property described in the Engineer's Certificate hereon and shown on this map have caused the same to be subdivided into lots, blocks, streets and easements and we do hereby dedicate the streets as indicated herein for the perpetual use of the public. It is expressly provided that a 10 foot strip of land as shown is hereby reserved for construction operation and maintenance of utilities.

STATE OF UTAH )  
COUNTY OF UTAH )  
On this 22 day of MAR. 1951 personally appeared before me, the above signers of the foregoing dedication who duly acknowledged to me that they executed the same.  
My Commission expires  
C. N. E. P.  
MAR. 22, 1951.

William D. Lightfield  
David C. Lightfield  
Notary Public

CITY COMMISSIONER'S CERTIFICATE  
This is to certify that the Board of Commissioners of Provo City, Utah County, Utah has examined this map of North University Subdivision in Provo City and it is hereby approved and the dedication of streets and easements is hereby accepted this 22 day of March 1951.

Approved  
City Recorder  
Approved  
City Engineer

PLANNING BOARD CERTIFICATE  
Know all men by these presents that the owners of the above described property have complied with all laws and ordinances pertaining to the subdivision of land within Provo City and that the same has executed a survey and has deposited said bond with Provo City Corporation guaranteeing without cost to the city, the construction of and or installation of all major mains, sewer mains, gravel roads and gravel sidewalks throughout said subdivision within two years from date of approval by the City Commission in consideration of these premises, this subdivision is hereby approved on this 22 day of March 1951.

Director  
Chairman



ENGINEER'S CERTIFICATE

I hereby certify that I have surveyed the land shown on this map, and that the plat is a true and correct copy of the original. The land is described as follows: -  
 Commencing 2000 feet North and 3134.81 feet East of the southwest corner of Section 36, Tenth South, Range 2 East, Salt Lake B. & M.; Thence 589°58' E 297.26 feet; Thence N1°36'E 688.20 feet; Thence N48°58' W 314.41 feet; Thence 30°02' E 600.00 feet to place of beginning. Area 6.31 acres.

*[Signature]*

OWNER'S DEDICATION

KNOW ALL MEN BY THESE PRESENTS, That we, William E. Litchfield and Beulah M. Litchfield, the owners of the property described in the Engineer's Certificate herein, and shown on this map, have caused the same to be subdivided into Lots, Blocks, Streets and Easements, and we do hereby dedicate the streets as indicated herein for the perpetual use of the public. It is expressly provided that a 12 foot strip of land as shown is hereby reserved for construction, operation and maintenance of utilities.

*William E. Litchfield*  
*Beulah M. Litchfield*

State of Utah } ss  
 County of Utah }

On this 15th day of September AD 1946, personally appeared before me the above signers of the foregoing dedication, and acknowledged to me that they executed the same.

My Commission expires June 15, 1951

*J. Austin [Signature]*  
 Notary Public

CITY COMMISSIONER'S CERTIFICATE

This is to certify that the Board of Commissioners of Provo City, Utah County, State of Utah, has examined this map of North University Subdivision Plat B, in Provo City, and it is hereby approved, and the dedication of streets and easements is hereby accepted this 15th day of September, 1946.

*[Signature]*  
 City Recorder  
*[Signature]*  
 City Engineer

*[Signature]*  
 Mayor  
*[Signature]*  
 Commissioner  
*[Signature]*  
 Commissioner

PLANNING BOARD CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, that the owners of the above described property have complied with all laws and ordinances pertaining to the subdivision of land within Provo City, and that the same have resulted in a plat and have deposited said plat with Provo City Corporation, guaranteeing without cost to the City the construction or aid or installation of all water mains, sewer mains, gravel roads and gravel subgrades throughout said subdivision within two years from date of approval by the City Commission. In consideration of these premises, the subdivision is hereby approved this 10th day of September, 1946.

*[Signature]*  
 Director

*W. Q. Briggs*  
 Chairman

PLAT B  
 NORTH UNIVERSITY SUBDIVISION  
 PROVO CITY, UTAH.

Scale - 1 inch = 60 feet.



# PLAT "C" NORTH UNIVERSITY SUBDIVISION

SCALE 1" = 60.0'

## OWNERS' DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT WE WILLIAM G. LICHFIELD & BEULAN M. LICHFIELD, HIS WIFE, THE OWNERS OF THE PROPERTY DESCRIBED IN THE SURVEYOR'S CERTIFICATE HEREON AND SHOWN ON THIS MAP HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, BLOCKS, STREETS & EASEMENTS AND WE DO HEREBY DEDICATE THE STREETS AS INDICATED HEREON FOR THE PERPETUAL USE OF THE PUBLIC.

*William G. Lichfield Beulan M. Lichfield*

STATE OF UTAH } S.S.  
COUNTY OF UTAH }

ON THIS DAY OF APRIL, AD 1949, PERSONALLY APPEARED BEFORE ME THE SIGNERS OF THE FOREGOING DEDICATION AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME

*John H. Payne*  
NOTARY PUBLIC. MY COMMISSION EXPIRES NOV. 27, 1950

## CITY COMMISSION'S CERTIFICATE

THIS IS TO CERTIFY THAT THE BOARD OF COMMISSIONERS OF PROVO CITY, UTAH COUNTY, STATE OF UTAH HAS EXAMINED THIS MAP OF NORTH UNIVERSITY SUBDIVISION PLAT "C" IN PROVO CITY AND IT IS HEREBY APPROVED AND THE DEDICATION OF STREETS AND EASEMENTS IS HEREBY ACCEPTED THIS 18 DAY OF APRIL 1949

*J. D. Beach*  
CITY RECORDER  
APPROVED  
*Carl Anderson*  
CITY ENGINEER

*John H. Payne*  
MAJOR  
*J. Carl Lewis*  
COMMISSIONER  
*Eldon H. Payne*  
COMMISSIONER

## PLANNING COMMISSION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS THAT THE OWNERS OF THE ABOVE DESCRIBED PROPERTY HAVE COMPLIED WITH ALL LAWS AND ORDINANCES APPLICABLE TO THE SUBDIVISION OF LAND WITHIN PROVO CITY AND THAT THE SAME HAS EXECUTED A SURETY BOND AND HAS DEPOSITED SAID BOND WITH PROVO CITY CORPORATION GUARANTEEING WITHOUT COST TO THE CITY THE CONSTRUCTION OF AND THE INSTALLATION OF ALL WATER MAINS, SEWER MAINS, GRAVEL ROADS AND GRAVEL SIDEWALKS THROUGHOUT SAID SUBDIVISION WITHIN TWO YEARS FROM DATE OF APPROVAL BY THE CITY COMMISSION. IN CONSIDERATION OF THESE PREMISES THIS SUBDIVISION IS HEREBY APPROVED THIS 22 DAY OF APRIL 1949

*W. A. Beager*  
DIRECTOR

*W. A. Beager*  
CHAIRMAN

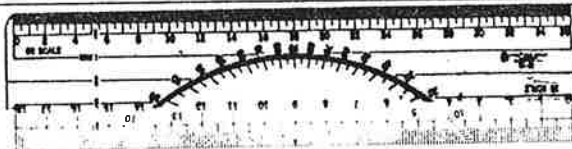


N.E. COR. PLAT "D" NORTH UNIVERSITY SUBDIVISION, PROVO, UTAH.  
4655' N. E. 890.44' E. FROM CENTER OF SEC. 36, T6S-R2E, S16E4M.

## SURVEYOR'S CERTIFICATE

I, LAVERN D. GREEN, REGISTERED SURVEYOR, CERTIFY I HAVE SURVEYED THE LAND SHOWN ON THIS MAP, THE PLAT THEREOF SHOWING ITS LOTS, BLOCKS, STREETS & EASEMENTS IS TRUE & CORRECT. THE LAND IS DESCRIBED AS FOLLOWS: COMMENCING AT THE N.E. COR. OF PLAT "D" NORTH UNIVERSITY SUBDIVISION, PROVO, UTAH, WHICH POINT IS 4655' NORTH 490.44' EAST FROM THE CENTER OF SEC. 36, T6S-R2E, S16E4M. THENCE N10°43' E 242.17'; THENCE S89°17' E 310.90'; THENCE S0°43' W 238.12'; THENCE S89°58' W 310.93' TO BEGINNING.

*Lavern D. Green*



## SUBVEYOR'S CERTIFICATE

## OWNERS' DEDICATION

KNOW ALL MEN BY THESE PRESENTS, THAT WE, William G. Litchfield and BEVERLY M. Litchfield, his wife, the owners of the property described in the Surveyors Certificate HEREON and SHOWN ON THIS MAP, HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, BLOCKS, STREETS AND EASEMENTS AND WE DO HEREBY DEDICATE THE STREETS AS INDICATED HEREON FOR THE PERPETUAL USE OF THE PUBLIC.

STATE OF UTAH } ss.  
COUNTY OF UTAH }

ON THIS<sup>RD</sup> DAY OF JANUARY AD 1969, PERSONALLY APPEARED BEFORE ME THE SIGNED  
OF THE FOREGOING DECLARATION AND ACKNOWLEDGED TO ME THAT THEY  
EXECUTED THE SAME

Fred A. Brown  
NOTARY PUBLIC. REC'D 11/11/13. H. H.

## CITY COMMISSION'S CERTIFICATE

THIS IS TO CERTIFY THAT THE BOARD OF COMMISSIONERS OF PROVO CITY, UTAH COUNTY, STATE OF UTAH HAS EXAMINED THIS MAP OF NORTH UNIVERSITY SUBDIVISION PLAT D IN PROVO CITY AND IT IS HEREBY APPROVED FOR THE DEDICATION OF STREETS AND EASEMENTS IF HEREBY ACCEPTED THIS 23 DAY OF APRIL 1988

Arrest 24  
J. J. Birch  
CITY RECORDER

*J. B. Lewis*  
COMMISSIONER

APPROVED  
Erl Lindner  
CITY ENGINEER

COMMISSIONER

## PLANNING COMMISSION CERTIFICATE

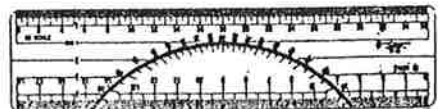
PLANNING COMMISSION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, THAT THE OWNERS OF THE ABOVE DESCRIBED PROPERTY HAVE COMPLIED WITH ALL LAWS AND ORDINANCES ENTER-TAINING TO THE SUBDIVISION OF LAND WITHIN PROPERTY AND THAT THE SAME HAVE EXECUTED A GUARANTEE BOND AND HAS DEPOSITED SAID BOND WITH THE CITY COMMISSIONER. THE CITY COMMISSIONER HAS REVIEWED THE CONSTRUCTION OF AND THE INSTALLATION OF THE SANITARY MAINS, SEWER MAINS, GRAVEL ROADS AND GRAVEL SIDEWALKS THEREON, AND SUBDIVISION WITHIN TWO YEARS FROM DATE OF APPROVAL BY THE CITY COMMISSIONER. IN CON-SIDERATION OF THESE PREMISES THIS SUBDIVISION IS HEREBY APPROVED THIS

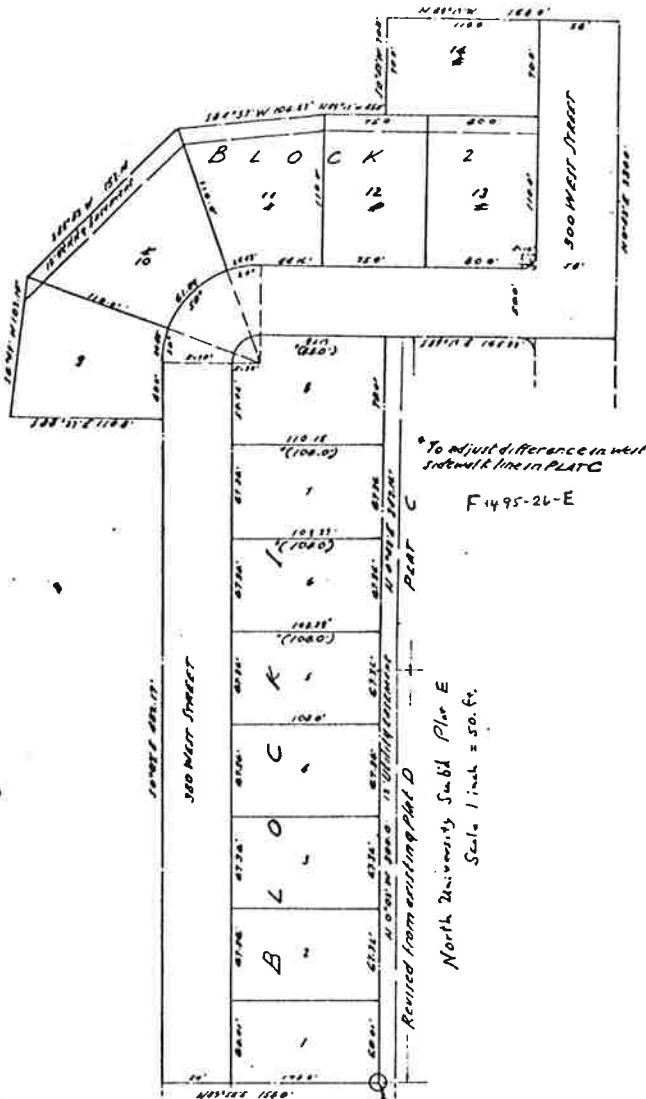
DATE OF 1940

S. P. H. H. H. H. H.  
DIRECTOR

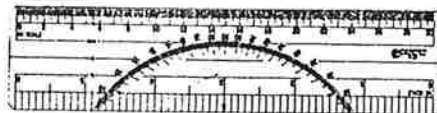
W. A. Beazer  
CHAIRMAN



7010  
**NORTH  
UNIVERSITY  
SUBDIVISION  
PLAT E**  
SCALE 1 INCH = 50 FT.



North East Corner Lot 8, Plat D, North University Subdivision, Provo City, Utah. Also 253.45' South & 400.51' E. from the Center of Sec 36, T6S, R12E, N14.67M.



**SURVEYOR'S CERTIFICATE**  
I, Loren D. Green, Registered Land Surveyor, Certify that I have surveyed the land shown on this map and that the plat thereof showing its lots, blocks, streets & easements is true & correct. This land is described as follows: Com. at the N.E. Cor. of Lot 8 Plat D, North University Subdivision, Provo, Ut. Also 253.45' South & 400.51' East from the Center of Sec. 36, T6S, R12E, N14.67M. Thence N0°12'W 300.00'; thence N0°43'E 243.16'; thence S89°11'E 165.99'; thence N0°43'E 330.00'; thence N89°12'W 168.00'; thence S0°43'W 70.00'; thence N89°12'W 45.00'; thence S89°12'W 106.33'; thence S89°43'W 152.14'; thence S4°43'W 102.14'; thence S81°11'E 116.00'; thence S0°15'E 483.17'; thence S89°52'E 188.00' & beginning at  
Loren D. Green

**OWNERS' DEDICATION:**  
Know All Men By These Presents that we, William G. Litchfield and Beulah M. Litchfield, his wife, the owners of the property described in the Surveyor's Certificate herein and shown on this map, have caused the same to be subdivided into lots, blocks, streets and easements, and we do hereby dedicate the streets as indicated hereon for the perpetual use of the public.  
William G. Litchfield  
Beulah M. Litchfield

State of Utah } ss  
County of Utah } ss  
On this 6th day of July, A.D. 1920 personally appeared before me the signers of the foregoing Dedication and acknowledged to me that they executed the same.  
Notary Public / By commission Expires January 25, 1922  
A. M. Sullivan

**CITY COMMISSIONER'S CERTIFICATE**  
THIS is to Certify that the Board of Commissioners of Provo City, Utah County, State of Utah has examined this map of the North University Subdivision, Plat E, in Provo City and it is hereby approved and the dedication of streets and easements hereby accepted this 11th day of JULY 1920  
A. M. Sullivan  
Mayor  
Approved  
Frank J. Gardner  
City Engineer  
Frank J. Gardner  
Commissioner

**PLANNING COMMISSION CERTIFICATE**  
Know All Men By These Presents that the owners of the above described property have complied with all laws and ordinances pertaining to the subdivision of land within Provo City and that the same has executed a surety bond and has deposited said bond with Provo City Corporation guaranteeing without cost to the City the construction of and the installation of all water mains, sewer mains, gravel roads and gravel sidewalks throughout said subdivision within two years from date of approval by the City Commission in consideration of their premises this subdivision is hereby approved this 6th day of July 1920.  
L. D. Green  
Director  
W. A. Breen  
Chairman

Block 1 on East.

APP. NO.: 2918

ADDRESS: North Univ. Sub. DATE: 2-27-48

OWNER: Wm. G. Litchfield

CONTRACTOR:

BUILDING: 10 Dwellings

SIZE:

COST: 2-6000  
2-5000

DATE OF INSP.:

REMARKS:

INSPECTOR:

2/28/48 Blk. 1 Lot 2

foundation, frame. bath

K.T.C.

" " 1 Lot 3

K.T.C.

" " 1 Lot 4

K.T.C.

" " 1 Lot 5

" " 1 Lot 6

" " 2 Lot 7

" " 2 Lot 8

" " 2 Lot 9

" " 2 Lot 10

" " 2 Lot 11

" " 2 Lot 12

APP. NO.: 2944

ADDRESS: North Univ. Sub. DATE: 3/19/48

OWNER: Wm. G. Litchfield

CONTRACTOR:

BUILDING: Homes

SIZE:

COST: 3-6000  
2-5000

DATE OF INSP.:

REMARKS:

INSPECTOR:

2/28/48 Blk 2 Lot 8

foundation frame. lot 8

K.T.C.

4/1/48 " 2 Lot 9

" " " "

K.T.C.

5/11/48 Blk 1 Lot 7

" " " "

5/11/48 Blk 1 Lot 8

" " " "

5/11/48 Blk 1 Lot 9

" " " "

5/11/48 " 1 Lot 10

" " " "

5/11/48 Blk 2 Lot 12

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

11/20/48

Completed.

APP. NO.: 3216

ADDRESS: No University Sub. DATE: 7/29/48

OWNER: Wm Litchfield

CONTRACTOR:

BUILDING: 6 Homes.

SIZE: 32 X 26 X 8

COST: 36,000.00

DATE OF INSP.:

REMARKS: Basement.

INSPECTOR:

lot 12-13-14 Blk. 1

" 14-15-16 Blk 2

Blk. 2 18-19-20-21

Completed K.T.C.

Blk. 1- 15-16-17-18-19-

APP. NO.: 3355

ADDRESS: No University Sub. DATE: 11/16/48

OWNER: Wm Litchfield

CONTRACTOR:

BUILDING: 9 Dwellings  
brick

SIZE: 32 X 26 X 8-7' COST: 54,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

Lot. 18-19-20-21- Blk. 2.  
Lot 15-16-17-18-19- Blk 1

APP. NO.: 3464

ADDRESS: North University Sub. DATE: 4/6/49  
Pb. D.

OWNER: Wm Litchfield

CONTRACTOR:

BUILDING: 19 Dwellings

SIZE (seams.)

COST: 138,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

12/28/48

APP. NO.: 3469

ADDRESS: North University Sub. DATE: 4/8/49

OWNER: Wm Litchfield

CONTRACTOR:

BUILDING: 2 Dwellings

SIZE:

COST: 14,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

4/20/49

foundation

K.T.C.

6/23/49

frame

K.T.C.

7/15/49

lath.

K.T.C.

11/9/49

Complete.

K.T.C.

APP. NO.: 3710

ADDRESS: Litchfield Sub. Lot 17 Blk. 2 ph. DATE: 9/1/49

OWNER: Wm Litchfield

CONTRACTOR:

BUILDING: Dwelling

SIZE: 32 X 28 7' Basement. COST: 6,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

9/1/49

foundation  
frame

K.T.C.

11/9/49

Complete

K.T.C.

K.T.C.

APP. NO.: B 710  
OWNER: Wm. Litchfield  
BUILDING: Dwelling  
DATE OF INSP.: 10/1/49

APP. NO.: 4057  
OWNER: Wm. Litchfield  
BUILDING: Dwelling  
DATE OF INSP.: 6/14/50  
8/20/50  
11/28/50

No. 2 Wm. Sub.  
ADDRESS: 3rd west.  
CONTRACTOR:  
SIZE:  
REMARKS:

DATE: 9/1/49

COST: 4,000

INSPECTOR: K.R.

15.15.

12K

foundation  
frame latd.  
Completed

ADDRESS: 1537 No. 300 west.

DATE: 5/31/50

CONTRACTOR:

SIZE: 32 x 24

COST: 6000

REMARKS:

INSPECTOR:

1K

foundations

1K

frame

10K

latd

Completed

1K.



APP. NO.: 4977

OWNER: Hm. G. Lickfield

BUILDING: Dwelling

DATE OF INSP.:

2/15/54

2/8/54

2/25/54

4/28/54

SEWER: 0h

1 APP. NO.: 5065

OWNER: G. C. Nelson

BUILDING: Dwelling + Car Port

DATE OF INSP.:

5/25/54

6/17/54

7/12/54

8/9/54

SEWER: ✓

APP. NO.: 5282

OWNER: Hm. G. Lickfield

BUILDING: Dwelling - att. Garage

DATE OF INSP.:

4/14/55

5/11/55

5/21/55

SEWER:

PLUMBING:

ADDRESS: App. 1520 Hq. 3rd St. DATE: 2-8-54

CONTRACTOR: G. C. Nelson

SIZE: ~~2000~~ 38 1/2 X 28 1/2 X 8 COST: 9,000

REMARKS:

INSPECTOR:

foundation

1h

frame

1h

att

1h

Complete

1h

1h

ADDRESS: App. 1540 Hq. 3rd St. DATE: 5-7-54

CONTRACTOR:

SIZE: 40 X 27 1/2 X 8

COST: 8,000

REMARKS:

INSPECTOR:

foundation

1h

1h

frame

1h

Complete

1h

ADDRESS: App. 1520 Hq. 3rd St. DATE: 12-15-54

CONTRACTOR:

SIZE: 53 X 16 X 12

COST: 11,000

REMARKS:

INSPECTOR:

foundation

1h

frame

1h

Complete

1h

APP. NO.: 5281

ADDRESS: 1300 North 300 West DATE: 12-15-54

OWNER: Wm. H. Lichfield

CONTRACTOR:

BUILDING: Dwelling, att. Garage

SIZE: 53 X 36 X 12

COST: 11,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

3/2/55

foundation

R

4/14/55

frame

R

5/9/55

lath

R

SEWER: 5/15/55

plaster

Complete

APP. NO. 5707

ADDRESS: 1580 N. 300 West DATE: 12/7/55

OWNER: W. H. Lichfield

CONTRACTOR:

BUILDING: Dwelling

SIZE: 41 X 36 X 11

COST: 15,000

DATE OF INSP.:

REMARKS:

INSPECTOR:

Checked 2/9/56

3/2/56

foundation

R

4/11/56

frame

R

5/29/56

lath

R

SEWER: 6/19/56

Plaster

R

APP. NO.: 5738

ADDRESS: 1550 N. 300 W

DATE: 1-30-56

OWNER: A. G. Nelson

CONTRACTOR:

BUILDING: Brick dwelling complete

SIZE: 50 X 26

COST: 12,000.00

DATE OF INSP.:

REMARKS:

INSPECTOR:

4/14/56

foundation

R

5/29/56

frame

R

6/19/56

lath

R

SEWER: 7/9

Complete

R

PLUMBING: R

APP. NO.: 5874  
OWNER: A. E. Nelson  
BUILDING: dwelling  
DATE OF INSP:

ADDRESS: 1549 N 300 W  
CONTRACTOR:  
SIZE: 54 2/3 - 32  
REMARKS:

DATE: May 23, 1956  
COST: 14,000.00  
INSPECTOR:

5/23/56

7/2/56

7/21/56

7/27/56

foundation

frame

lot

Complete

etc

etc

etc

etc

etc

SEWER: 7/12/56  
8/1/56

APP. NO.: 5900  
OWNER: A. E. Nelson  
BUILDING: Dwelling  
DATE OF INSP:

ADDRESS: 1549 N 300 W  
CONTRACTOR:  
SIZE: 54' x 32'  
REMARKS:

DATE: June 7, 1956  
COST: 11,000.00  
INSPECTOR:

6/19/56

7/2/56

7/18/56

7/27/56

9/27/56

foundation

frame

Complete

etc

etc

etc

SEWER: 7/18/56  
7/27/56  
PLUMBING:

APP. NO.: 5901

OWNER: A. C. Nelson

BUILDING: dwelling

DATE OF INSP:

6/12/54

7/1/54

7/9/54

7/12/54

7/31/54

7/31/54

APP. NO.: 6293

OWNER: A. C. Nelson

BUILDING: dwelling

DATE OF INSP.:

4/25/57

8/1/57

9-23-57

12-3-57

12-23-57 Sewer

SEWER:

12-23-57 Plumb

PLUMBING:

ADDRESS: 1585 N. 300 W DATE: June 7, 1956

CONTRACTOR:

COST: 13,000.00

SIZE: 50 x 42'

INSPECTOR:

REMARKS:

foundation

1/11

frame

1/11

lath

1/11

Completed

1/11

ADDRESS: 1590 N. 300 W.

CONTRACTOR:

DATE: 4-25-57

SIZE: 49 x 42 - 8

COST: \$13000

REMARKS:

INSPECTOR:

foundation

1/11

frame

1/11

lath

1/11

Completed

1/11

No.	GRANTOR	GRANTEE	ENTRY No.	CONVEY- ANCE	INSTRUMENTS							
					DATE OF INST.			TIME OF FILING				
					MO.	DAY	YEAR	MO.	DAY	YEAR	HR.	A.M. P.M.
1	Charles Hurst	William G. Litchfield	14366	W.D.	10	29	46	10	31	46	12	a
2	William G. + Beulah M. Litchfield	Waltham City School	27888	Mortg	3	4	48	3	24	48	10	a
3	Waltham City School	St. John's Public	2789	Realty	3	23	48	3	24	48	10	a
4	William G. + Beulah M. Litchfield	Union Trust Company	3148	Mortg	3	31	48	4	3	48	12	a
5	William G. + Beulah M. Litchfield	Royal Henderson	4433	W.D.	5	6	48	5	8	48	11	a
6	Royal + Elaine L. Henderson	Union Trust Company	4434	Mortg	5	6	48	5	8	48	11	a
7	Royal + Elaine L. Henderson	Union Trust Company	4435	Mortg	5	6	48	5	8	48	11	a

Figure 1.

# 3 Utah County 1

## Provo Man, Lehi Couple Victims In Car Rollover

Three prominent residents of Utah County were killed and another was critically injured late Tuesday when the automobile in which they were riding overturned on a highway in Death Valley National Monument in California.

### Killed were:

William Glen Lichfield, 65,  
620 N. University Ave., Provo,  
well-known building contractor,

crushed behind the wheel of the car.

Frank Hindley Eastmond, 69, owner of the Saratoga Resort at Lehi, who had been thrown from the vehicle.

Mrs. Clarrisa Jean Taylor Eastmond, 68, wife of Mr. Eastmond, whose body was removed from the car by passersby.

Hospitalized with multiple broken bones and head injuries was Mrs. Beulah Menlove Lichfield, 62, wife of Mr. Lichfield. She was reported in critical condition at the Southern Inyo Hospital at Lone Pine, Calif.

Inyo County sheriff's deputies said the accident occurred on California Highway 190 at Townes Pass east of Panamint Springs at the edge of the national monument.

Deputies said that when they arrived at the scene the victims' car was upside down.

Mr. and Mrs. Lichfield and Mr. and Mrs. Eastmond were known to be close friends. They had taken many trips together. They had left Monday on their trip to Nevada and California and were believed riding in Mr. Eastmond's new automobile.

Mr. Lichfield was born July 5, 1896, in Goshen, a son of Joseph Thomas and Annie Millicent Till Lichfield. He married Beulah Menlove in the Salt Lake LDS Temple on Jan. 24, 1920.

He had lived in Provo nearly all his life, having moved here as a small boy. He was active in the LDS Church and a member of University Ward.

He is survived by his wife; three children, Mrs. Royal (Elaine) Henderson of Vernal; Mrs. Aldo C. (Afton) Nelson of Provo and Ernest William Lichfield of State College, Penn.; 17 grandchildren and the following brothers and sisters: Mrs. Helen Knudsen and Mrs. Glen (Rachel) Campbell of Salt Lake City; Albert Lichfield of Provo and Ralph Lichfield of Ogden.

Mr. Eastmond was born July 7, 1892 in American Fork, to Thomas Jefferson and Esther Hindley Eastmond. He was schools for 30 years, the last at taught in the Salt Lake City schools for 30 year, the last at Irving Junior High in Sugar House as shop teacher. He and his wife started in the resort business from Provo to Lehi 30 years ago. Saratoga Resort was the best known resort they operated. He retired several years ago, but still kept in close touch with operation at the resort. He was in-

See DEATH VALLEY Page 4)



**IN DEATH VALLEY AUTO TRAGEDY**—Mr. and Mrs. William G. Lichfield, top, of Provo, and Mr. and Mrs. H. Eastmond, bottom, of Lehi, victims of highway accident in Death Valley. Mr. Lichfield and the Eastmond couple were killed in the rollover. Mrs. Lichfield was critically injured. Hospital attaches at Lone Pine, Calif. said at 1 p.m. today she was in a semi-conscious condition. Relatives were en route to Lone Pine.

## Death Valley

(Continued from Page One)

forested in mining operations in the state.

He was an active member of the LDS Church and was teacher in Seventy's Quorum in Lehi First Ward at the time of his death.

He married Clarrisa Jean Taylor June 12, 1912 in the Salt Lake Temple. Survivors include: Mrs. Glen H. (Jean) Gordon, American Fork; F. Taylor Eastmond, Orem; Richard T. Eastmond, American Fork; Dr. Jefferson N. Eastmond, Salt Lake City; Robert M. Eastmond, Lehi; 21 grandchildren.

Mrs. Eastmond was born Feb. 27, 1893 in Provo to Walter G. and Agnes McKinlay Taylor.

Mrs. Eastmond assisted her husband with the operations of their resorts.

Active in the LDS Church, she served in the Relief Society presidency and the stake MIA board in Salt Lake City and was a Sunday School teacher in Lehi First Ward at time of her death. She was active in the Salt Lake Mother's Club and she together with her husband were members of the Knife and Fork Club in Provo.

Mr. and Mrs. Eastmond have travelled extensively and were planning a trip to several spots in the world they had not previously visited. They were to leave shortly after Christmas. They planned to visit Australia, Japan and other places.



Figure 4.

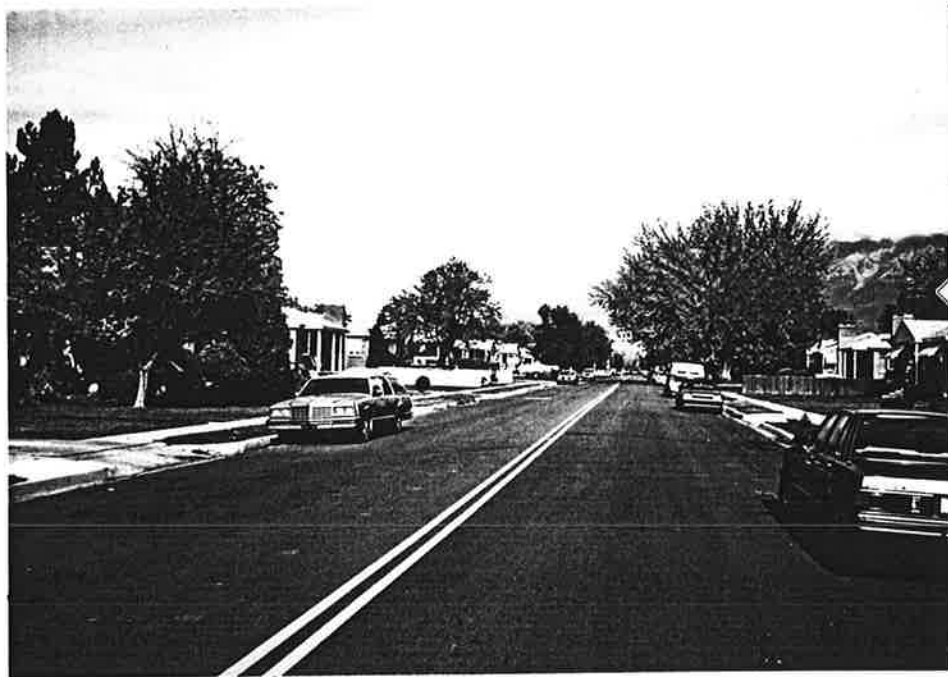


Figure 5.





Figure 6.



Figure 7.



Figure 8.

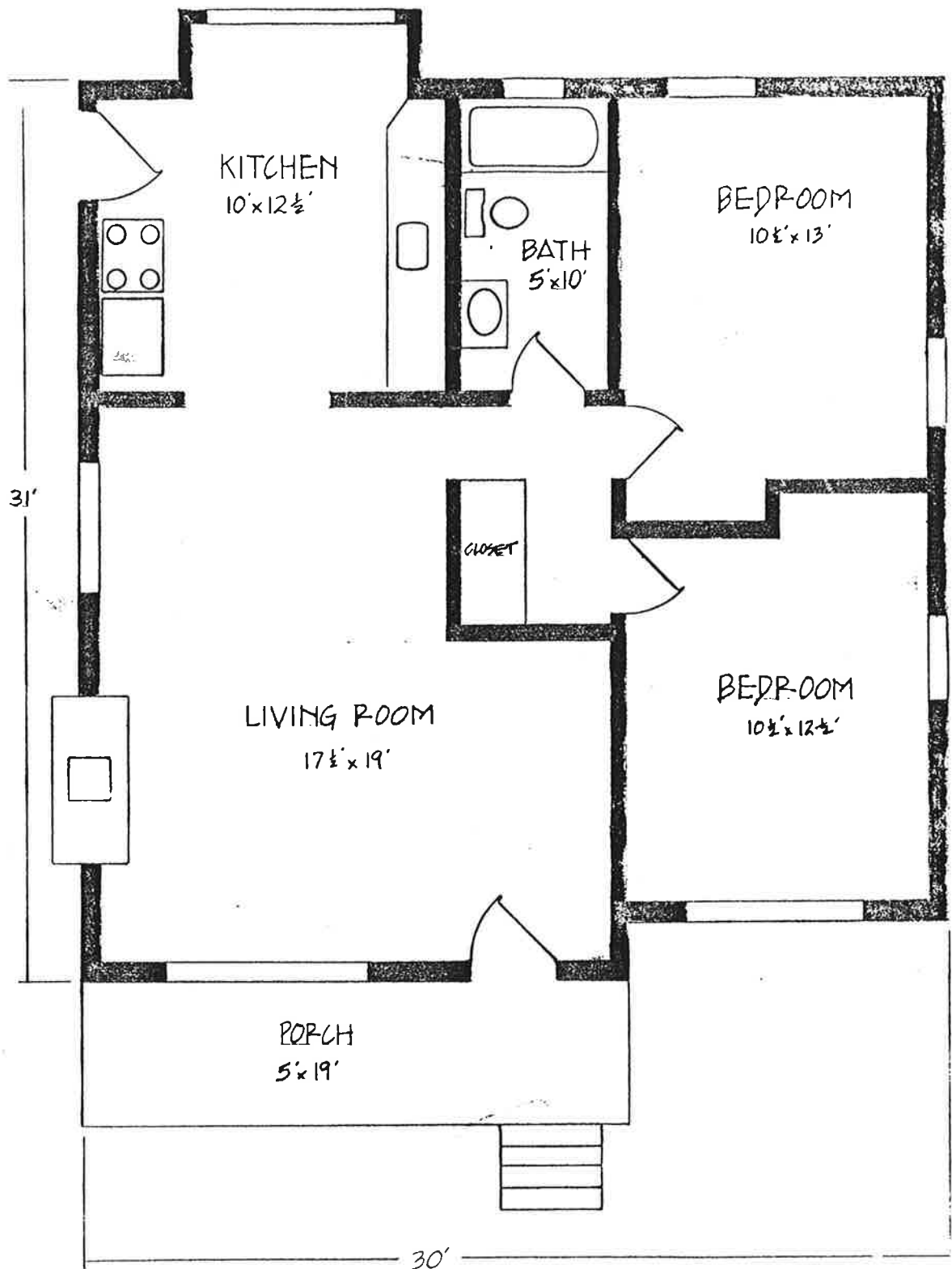
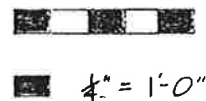


FIGURE 9



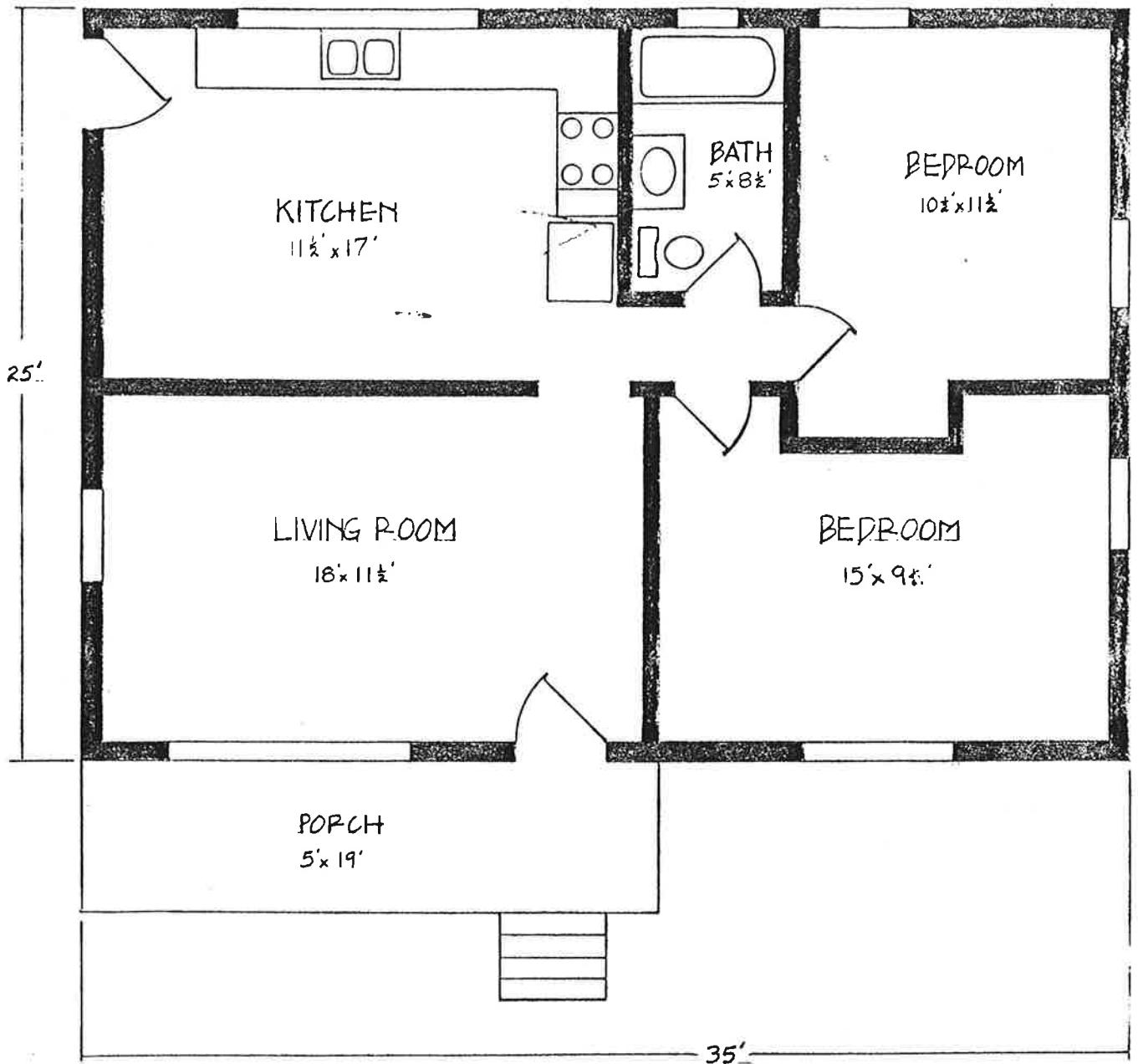


FIGURE 10



1" = 1'-0"



Figure 11.

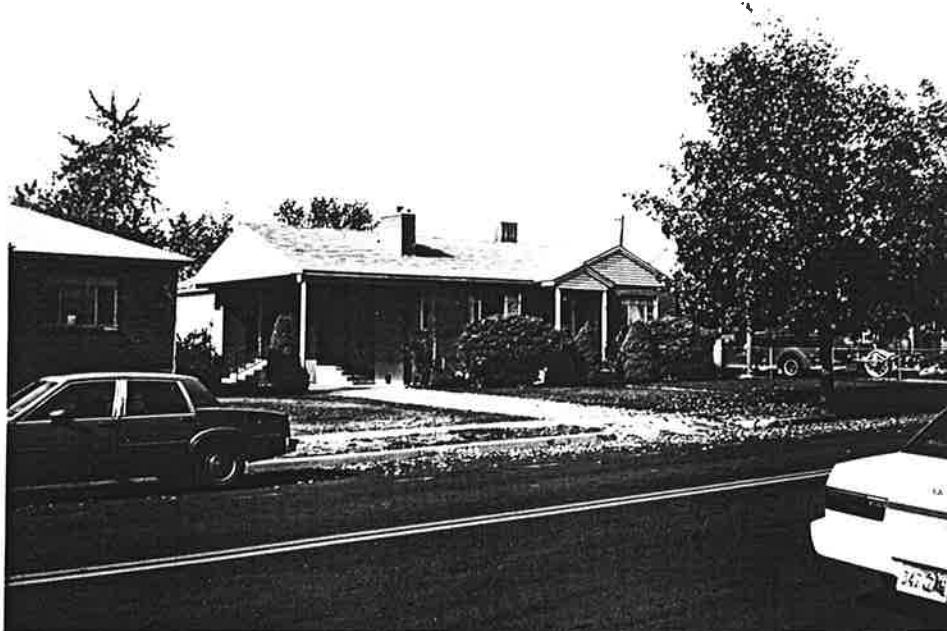


Figure 12.

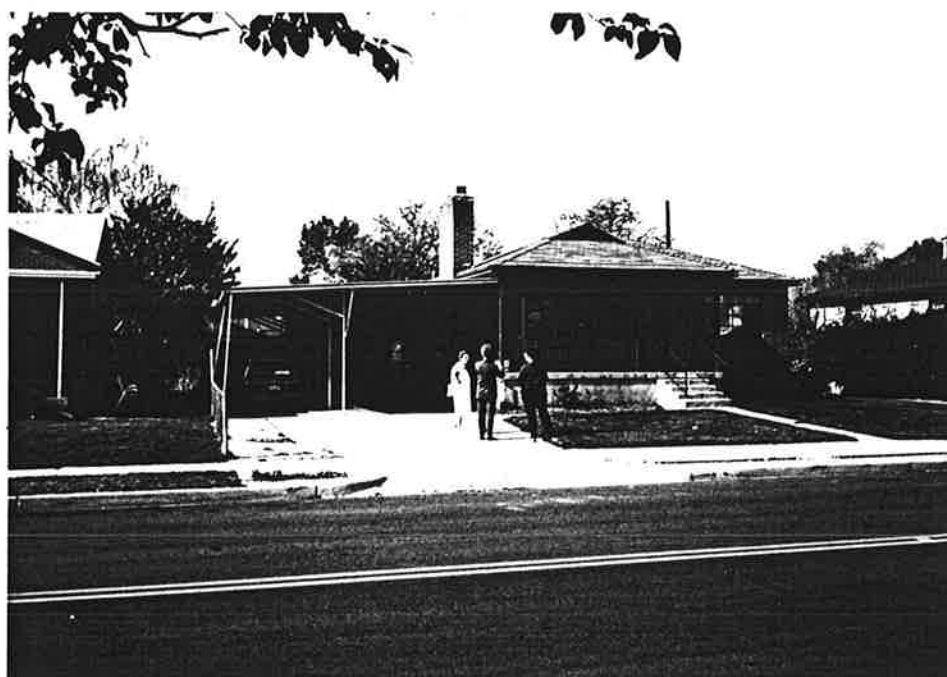


Figure 13.



Figure 14.



Figure 15.